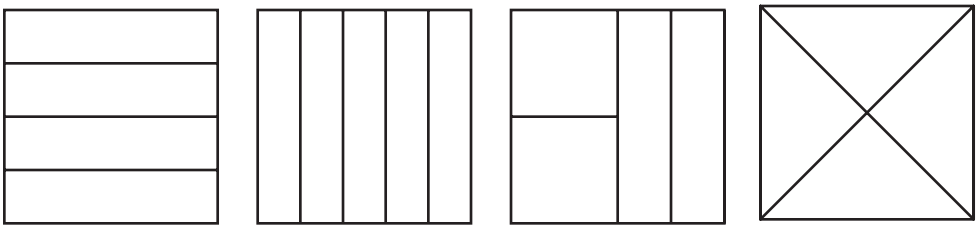
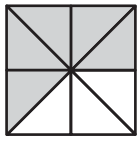
1. Each shape is divided into equal parts. Select the shapes that show fourths. Mark all that apply.



Ⓐ Ⓑ Ⓒ Ⓓ

2. What fraction names the shaded part of the shape?



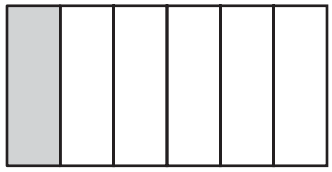
Ⓐ 3 eighths

Ⓑ 5 eighths

Ⓒ 6 eighths

Ⓓ 8 eighths

3. The shaded part of the model shows what part of a garden is planted with peas. What fraction names the shaded part? Explain how you know how to write the fraction.

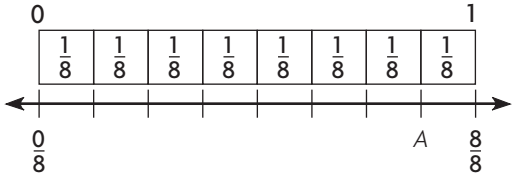


_____

_____

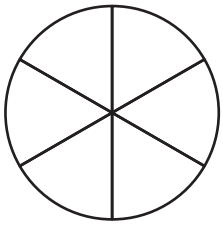
GO ON

4. What fraction names point *A* on the number line?



_____

5. Kwan divided this circle into equal parts. Circle the word that makes the sentence true.

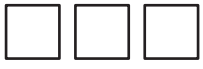


The circle is divided into | sixths / eighths / fourths | .

6. Sophie uses 16 beads to make a necklace. One fourth of the beads are purple. How many of the beads are purple?

_____ beads

7. Four brothers work together to mow 3 equal-sized fields. Each brother mows the same amount.



How much does each brother mow? Mark all that apply.

(A) 4 thirds of a field

(B) 1 whole and 1 third of a field

(C) 3 fourths of a field

(D) 2 thirds of a field

(E) 1 fourth of a field

GO ON

8. Bailey shaded this model.

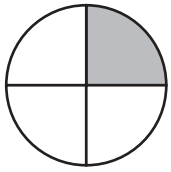
Select one number from each column to show the part of the model Bailey shaded.

Numerator	Denominator
○ 1	○ 2
○ 2	○ 4
○ 4	○ 5
○ 6	○ 6

9. Jayson baked a pan of cornbread for a family dinner. He cut the cornbread into equal size pieces. At the end of the dinner, there were 2 pieces left. Explain how you find the number of pieces in the whole pan of cornbread if Jayson told you that $\frac{1}{6}$ of the pan was left. Use a drawing to show your work.

GO ON

10. The model shows one whole. What fraction of the model is NOT shaded?



_____

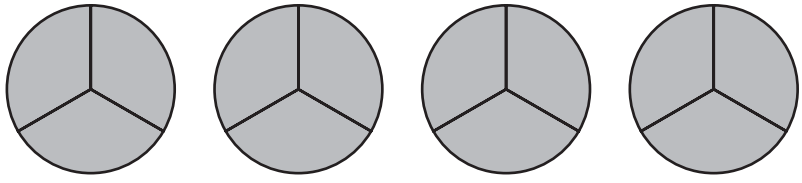
11. Michael replaced $\frac{1}{3}$ of the buttons on his coat. If he replaced a total of 3 buttons, how many buttons are on his coat? Show your work.

_____ buttons

12. Four teachers share 3 gallons of paint equally. How much paint does each teacher get?

_____

13. Each shape is 1 whole.



For numbers 13a–13e, choose Yes or No to show whether the number names the parts that are shaded.

13a. 3	○ Yes	○ No
13b. 4	○ Yes	○ No
13c. $\frac{12}{3}$	○ Yes	○ No
13d. $\frac{12}{4}$	○ Yes	○ No
13e. $\frac{3}{12}$	○ Yes	○ No

GO ON

14. A store sold 6 fruit trees. Five of the trees were apple trees. What fraction of the trees were apple trees?

_____

15. Christina and Erin made vegetable trays for a neighborhood picnic.

Part A

Christina put 15 vegetables on her tray. If $\frac{1}{5}$ of the vegetables were carrots, how many carrots were on the tray? Make a drawing to show your work.

_____ carrots

Part B

Erin put 20 vegetables on her tray. If $\frac{1}{4}$ of them were carrots, how many carrots were on Christina's and Erin's trays? Explain how you found your answer.

_____

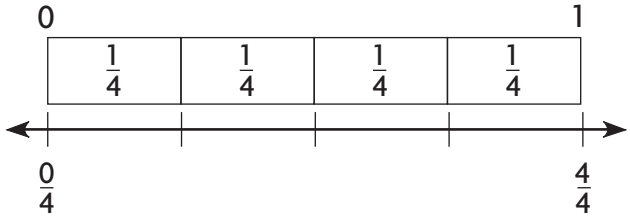
_____

16. Maria has 8 tulip bulbs. She gives 5 of the tulip bulbs to her neighbor. What fraction of her tulip bulbs does she give to her neighbor?

_____

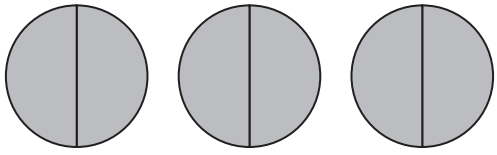
GO ON

17. Lucy rode her bike around the block 4 times for a total of 1 mile yesterday. Today she wants to ride her bike $\frac{3}{4}$ of a mile. How many times will she need to ride her bike around the block?



_____ times

18. Jackson colored some shapes.



Select one number from each column to show a fraction greater than 1 that names the parts Jackson colored.

Numerator	Denominator
○ 1	○ 1
○ 2	○ 2
○ 3	○ 3
○ 6	○ 6

19. Samira ran around a park loop that was $\frac{1}{3}$ mile long. She ran around the loop 9 times. Samira says she ran $\frac{9}{3}$ miles. Her brother Amal says she ran 3 miles. Who is correct? Use words and drawings to explain how you know.